

Earth Observing-1

Hyperion & ALI Data Users Workshop

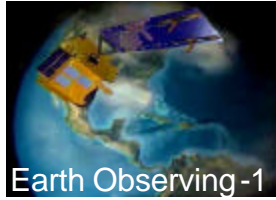


Nov. 28-29, 2001

Section 8

User Interface

Darla M. Duval
USGS/Raytheon ITSS/EROS DataCenter



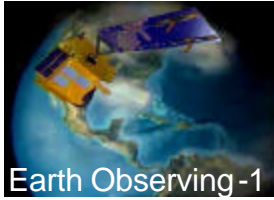
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Topics



- † ***Products***
- † ***Web page***
- † ***Customer Service***
- † ***Archive Catalog Query and Order Fulfillment***
- † ***Data Acquisition Requests and Order Fulfillment***
- † ***Order Tasking***
- † ***Data and Pricing Policy***
- † ***USGS Project POCs***



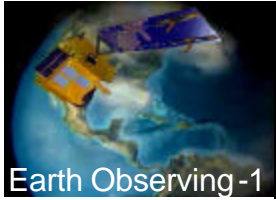
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EO-1 Products



- † **Archived Products**
- † **Data Acquisitions Requests (DARs) and Products**
- † **ALI L1**
 - Radiometrically corrected, HDF
 - Footprint 37-km across track by 42-km (TBD) along-track
 - 4 separate detector array files
- † **Hyperion L1B**
 - Radiometrically corrected, HDF, 16-bit signed, band interleaved, SWIR and VNIR referenced to each other
 - Footprint 7.7-km across track by 42-km (TBD) along-track
- † **FTP pull, CD, DVD media**
- † **Product reformatting to more user friendly eventually**
- † **L0 data is archived; used only to reprocess L1 products**
- † **Turnaround time initially 48 hours from availability of data at EDC, work to 5 hrs (expedited)**



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USGS EO-1 webpage



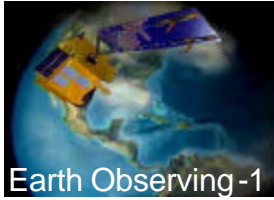
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<http://eo1.usgs.gov>



Site available by December 10, 2001

***Initial content will be news, policy, scheduling,
and ordering guide***

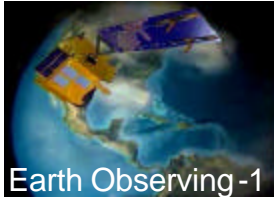


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EDC Customer Service



- † ***EROS Data Center User Service Department***
 - Custserv@usgs.gov
 - ***605-594-6151***
 - <http://edc.usgs.gov/>
- † ***Answer questions on product information, pricing, product availability from archive, accept and schedule Data Acquisition Requests***
- † ***Order handling***
- † ***Process payments***
- † ***Billing and accounting***



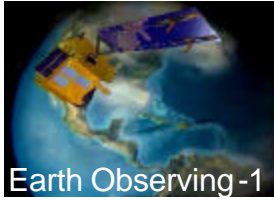
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Archive Catalog Query & Order Fulfillment



- † ***Manually during phase 1***
 - ***User will contact Customer Service Representative who will determine availability.***
- † ***On-line ordering interface to be developed***
- † ***Payment arranged***
 - ***purchase orders, credit cards, cash, money transfer***
- † ***Orders placed and distributed from EDC***



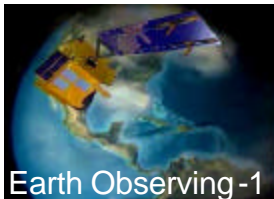
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Data Acquisition Requests (DARs)



- † ***If data are not available in the archive, DAR for scheduling and tasking the spacecraft can be submitted***
- † ***DAR submitted via on-line form on web page***
 - *Lat / Long center point (pointable sensor)*
 - *Sensor mode*
 - *Cloud Cover*
 - *Temporal window (number of acquisitions)*
- † ***Questions answered by Customer Services***
- † ***Payment arranged***
 - *purchase orders, credit cards, cash, money transfer*
- † ***Customer Services works with Scheduling and Tasking Analyst***
- † ***GSFC FOT/MOC will perform command loads***
- † ***Once successfully acquired, product order will be generated and distributed from EDC***



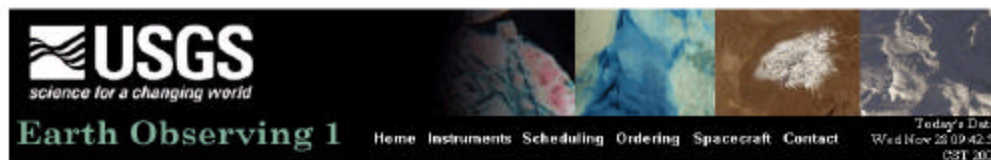
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DAR On-line Form



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Data Acquisition Request Form

* First Name:

* Last Name:

* Address:

* City:

* State:

* Zip Code:

* Phone:

Fax:

* E-mail Address:

* Site Lat/Long:
(Center Coordinates)

* Description of
Target Area:

* Sensor:
(please select only one at a time) ☐ ALI ☐ Hyperion

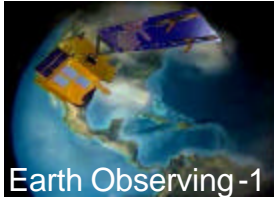
* Cloud Cover: ☐ 0-25% ☐ 26-50% ☐ 51-75%

* Temporal Window of
Acquisition x-3mo:

Additional
Information:
(Specific or Multiple
dates, Sun angle etc.)

* required fields

DARs must be received 60 days in advance of acquisition.



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Data and Pricing Policy



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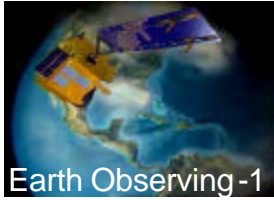
† **Data in the Public Domain**

- *Holdback restrictions may apply for their acquisitions (TBD)*

† **Pricing**

- *DAR for 1st sensor = \$1500*
- *DAR for 2nd sensor (same data collection event) = \$300*
- *Product from archive = \$500 (working to be lower)*
(regardless of geographic coverage area)
- *New DAR products = \$700*
 - *42-km (TBD) along track strip*
 - *Different, longer length along-track pricing TBD*

† **Policy regarding cloud cover and multiple orders for same acquisition product TBD**



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USGS Project POCs



† **Data pricing and policy**

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† **User Interface**

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